exist in the

# WEST

Help Logout Interrupt

Main Menu Search Form Posting Counts Show S Numbers Edit S Numbers Preferences

#### Search Results -

Terms Documents
12 and adenovir\$ and heterologous near10 pIX 0

Database:

Refine Search.

12 and adenovir3 and heterologous near10 Clear

Search History

Today's Date: 12/27/2001

<b>DB Name</b>	<u>Query</u>	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and heterologous near10 pIX	0	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI.TDBD	12 and adenovir\$ and fus\$ near10 LX	6	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric near10 pIX	2	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric near10 IX	13	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric	127	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$	263	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	plX or protein near3 IX	2068	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	pIX and adenovir\$	53	<u>L1</u>

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Main Menu	Search I	orm =	Posting	Counts	Show S	Numbers	Edit S Numbers	Preferences
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### Search Results -

Documents Terms 14 and pIX near10 ligand\$

Database:	

	Search His	tory
Refine Search		Clear
	14 and pIM near10 ligand3	<u> </u>

Today's Date: 12/27/2001

DB Name	<u>Query</u>	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and pIX near10 ligand\$	2	<u>L9</u>
USPT,PGPB.JPAB,EPAB.DWPI,TDBD	14 and p1X near10 fus\$	1	<u>L8</u>
USPT,PGPB.JPAB,EPAB,DWPI,TDBD	14 and pIX near5 heterologous	0	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and Pix near5 chimaeric	0	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPLTDBD	14 and Pix near5 chimeric	2	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenoviru\$	53	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$	53	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	pIX or pIX near3 protein\$	1421	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	plX near3 protein\$	27	<u>L1</u>

## WEST

Your wildcard search against 2000 terms has yielded the results below Search for additional matches among the next 2000 terms

#### **Generate Collection**

#### **Search Results -** Record(s) 1 through 27 of 27 returned.

1. Document ID: US 20010047081 A1

L1: Entry 1 of 27

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047081

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010047081 A1

TITLE: Adenoviral capsid containing chimeric protein IX

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Roelvink, Petrus W. Olney MD US Kovesdi, Imre Rockville MD US Wickham, Thomas J. Germantown MD US

US-CL-CURRENT: 530/350; 435/252.3

Full Title Citation Front Review Classification Date Reference Claims KMAC Draw Desc Image

2 Document ID: US 20010039046 A1

L1: Entry 2 of 27

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039046

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010039046 A1

TITLE: Viable contaminant particle free adenoviruses, their

preparation and use

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Yeh, Patrice Paris FR
Perricaudet, Michel Ecrosnes FR
Orsini, Cecile Paris FR

US-CL-CURRENT: 435/320.1; 435/235.1

Full Title Citation Front Review Classification Date Reference Claims KMAC Draw Desc Image

### 3. Document ID: US 20010026794 A1

L1: Entry 3 of 27

File: PGPB

Oct 4, 2001

PGPUB-DOCUMENT-NUMBER: 20010026794

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010026794 A1

TITLE: Methods of preparing and using a viral vector library

PUBLICATION-DATE: October 4, 2001

#### INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kovesdi, Imre	Rockville	MD	US	
McVey, Duncan L.	Derwood	MD	US	
Wickham, Thomas J.	Germantown	MD	US	
Bruder, Joseph T.	Ijamsville	MD	US	
Brough, Douglas E.	Olney	MD	US	

US-CL-CURRENT: 424/93.21; 435/235.1, 435/5

Full Title Citation Front Review Classification Date Reference MMC Draw Desc Image

4. Document ID: US 20010016192 A1

L1: Entry 4 of 27

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016192

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010016192 A1

TITLE: RECOMBINANT ADENOVIRAL VECTOR AND METHOD OF USE

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

CITY STATE COUNTRY RULE-47 NAME

GREGORY, RICHARD J. CARLSBAD CA US US WILLS, KEN N. ENCINITAS CA MANEVAL, DANIEL C. SAN DIEGO CA US

US-CL-CURRENT: 424/93.2; 424/93.6, 435/320.1, 435/455, 435/456,

435/69.1

Full Title Citation Front Review Classification Date Reference

KMMC Drawn Desc Image

5. Document ID: US 20010006946 A1

L1: Entry 5 of 27 File: PGPB

Jul 5, 2001

PGPUB-DOCUMENT-NUMBER: 20010006946 PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010006946 A1

TITLE: COMPOSITIONS AND METHODS FOR ENHANCING DELIVERY OF

THERAPEUTIC AGENTS TO CELLS

PUBLICATION-DATE: July 5, 2001

INVENTOR-INFORMATION:

CITY STATE COUNTRY RULE-47 NAME

ENGLER, HEIDRUN SAN DIEGO CA US NAGABHUSHAN, TATTANAHALLI L. PARSIPPANY NJ US

US-CL-CURRENT: 514/44; 424/93.1

Full Title Citation Front Review Classification Date Reference

KMMC Draw Desc Image

6. Document ID: US 20010006629 A1

L1: Entry 6 of 27

File: PGPB Jul 5, 2001

PGPUB-DOCUMENT-NUMBER: 20010006629

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010006629 A1

TITLE: RECOMBINANT ADENOVIRAL VECTOR AND METHODS OF USE

PUBLICATION-DATE: July 5, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

GREGORY, RICHARD J. CARLSBAD CA US WILLS, KEN N. ENCINITAS CA US MANEVAL, DANIEL C. SAN DIEGO CA US

US-CL-CURRENT: 424/93.1; 424/93.2, 424/93.6, 435/320.1, 514/44

Full Title Citation Front Review Classification Date Reference

KMMC Drawn Desc Image

### 

L1: Entry 7 of 27

File: USPT

Nov 6, 2001

US-PAT-NO: 6312946

DOCUMENT-IDENTIFIER: US 6312946 B1

TITLE: Viable contaminant particle free adenoviruses, their

prepartion and use

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Yeh; Patrice Paris FRX
Perricaudet; Michel Ecrosnes FRX
Orsini; Cecile Paris FRX

US-CL-CURRENT: 435/320.1; 424/93.2, 424/93.21, 435/455, 435/456, 514/44

Full Title Citation Front Review Classification Date Reference

MMC Draw Desc Image

#### 8. Document ID: US 6306652 B1

L1: Entry 8 of 27

File: USPT

Oct 23, 2001

DOCUMENT-IDENTIFIER: US 6306652 B1

TITLE: Packaging systems for human recombinant adenovirus to be

used in gene therapy

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Fallaux; Frits Jacobus Leiderdorp NLX
Hoeben; Robert Cornelis Leiden NLX
Van Der Eb; Alex Jan Oegstgeest NLX
Bout; Abraham Moerkapelle NLX

Valerio; Domenico Leiden NLX

US-CL-CURRENT: 435/325; 435/320.1, 435/455, 435/69.1

Full Title Citation Front Review Classification Date Reference KNMC Draw Desc Image

9. Document ID: US 6281000 B1

L1: Entry 9 of 27 File: USPT Aug 28, 2001

US-PAT-NO: 6281000

DOCUMENT-IDENTIFIER: US 6281000 B1

TITLE: Method for the preparation of a viral vector by

intermolecular homologous recombination

DATE-ISSUED: August 28, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Chartier; Cecile Strasbourg FRX
Degryse; Eric Strasbourg FRX

US-CL-CURRENT: 435/252.33; 424/184.1, 424/199.1, 424/200.1, 435/252.3, 435/320.1, 435/69.1, 435/69.3, 435/7.2, 514/44, 530/300, 530/350, 536/23.1, 536/23.7, 536/23.72

Full Title Citation Front Review Classification Date Reference MMC Draw Desc Image

10. Document ID: US 6265212 B1

L1: Entry 10 of 27 File: USPT Jul 24, 2001

DOCUMENT-IDENTIFIER: US 6265212 B1

TITLE: Packaging systems for human recombinant adenovirus to be

used in gene therapy

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME Fallaux; Frits J. Leiderdorp NLXHoeben; Robert C. Leiden NLX Bout; Abraham Moerkapelle NLXValerio; Domenico Leiden NLX van der Eb; Alex J. Oegstgeest NLXSchouten; Govert Leiden NLX

US-CL-CURRENT: 435/320.1; 424/93.21, 435/235.1, 435/325, <u>435/69.1</u>, <u>536/23.1</u>

Full Title Citation Front Review Classification Date Reference

KWMC Draw Desc Image

# 

L1: Entry 11 of 27

File: USPT

May 29, 2001

US-PAT-NO: 6238893

DOCUMENT-IDENTIFIER: US 6238893 B1

TITLE: Method for intracellular DNA amplification

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME

CITY STATE ZIP CODE COUNTRY

Hoeben; Robert Cornelis Leiden Bout; Abraham

Moerkapelle

NLXNLX

US-CL-CURRENT: 435/91.1; 435/455

Full Title Citation Front Review Classification Date Reference

KNAC Draw Desc Image

2. 12. Document ID US 6210939 B1

L1: Entry 12 of 27

File: USPT

Apr 3, 2001

DOCUMENT-IDENTIFIER: US 6210939 B1

TITLE: Recombinant adenoviral vector and methods of use

DATE-ISSUED: April 3, 2001

INVENTOR - INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

Gregory; Richard J. Carlsbad CA Wills; Ken N. Encinitas CA Maneval; Daniel C. San Diego CA

US-CL-CURRENT: 435/456; 435/252.3, 435/320.1, 435/363, 435/366, 435/370, 435/371

Full Title Citation Front Review Classification Date Reference

KMMC Drawn Desc Image

13. Document ID: US 6207150 B1

L1: Entry 13 of 27

File: USPT Mar 27, 2001

US-PAT-NO: 6207150

DOCUMENT-IDENTIFIER: US 6207150 B1

TITLE: Variants of thymidine kinase, nucleic acids encoding

them, and methods of using them

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

Crouzet; Joel Sceaux FRX Blanche; Francis Paris FRX Couder; Michel FRX Sucy en Brie Paris Cameron; Beatrice FRX

US-CL-CURRENT: 424/94.5; 435/194, 435/252.3, 435/320.1, 435/325, 435/6, 536/23.2

Full Title Offation Front Review Classification Date Reference

MMC Draw Desc Image

14. Document ID: US 6165779 A

L1: Entry 14 of 27

File: USPT Dec 26, 2000

DOCUMENT-IDENTIFIER: US 6165779 A

TITLE: Compositions and methods for therapeutic use

DATE-ISSUED: December 26, 2000

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Engler; Heidrun San Diego CA Huyghe; Bernard G. San Diego CA Maneval; Daniel C. San Diego CA Shabram; Paul San Diego CA

US-CL-CURRENT: 435/320.1; 424/199.1, 514/44

Full Title Citation Front Review Classification Date Reference 1200C Drawn Desc Image

15. Document ID: US 6136565 A

L1: Entry 15 of 27 File: USPT Oct 24, 2000

US-PAT-NO: 6136565

DOCUMENT-IDENTIFIER: US 6136565 A

TITLE: Methods of reducing the levels of protoporphyrin IX in

recombinant hemoglobin preparations

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Best; Elaine A. Fort Collins CO Hershberger; Charles Lee Greenfield IN Frye; Christopher Carl Mooresville IN

US-CL-CURRENT: 435/69.6; 435/69.1, 530/385

Full Title Citation Front Review Classification Date Reference KMMC Draw Desc Image

16. Document ID: US 6127175 A

L1: Entry 16 of 27 File: USPT Oct 3, 2000

DOCUMENT-IDENTIFIER: US 6127175 A

TITLE: Cells for the production of recombinant adenoviruses

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Vigne; Emmanuelle

Vigne; Emmanuelle

Seine

Perricaudet; Michel

Ecrosnes

FRX

Perricaudet; Michel Ecrosnes FRX

Dedieu:

Jean-Fran.cedilla.ois Paris FRX

Orsini; Cecile Paris FRX
Yeh; Patrice Paris FRX

Latta; Martine Charenton le Pont FRX

Prost; Edouard Sucy en Brie FRX

US-CL-CURRENT: 435/325; 424/199.1, 435/235.1, 435/320.1, 435/366, 435/69.1, 435/91.1, 435/91.41, 514/44, 536/23.72, 536/24.1

Full Title Citation Front Review Classification Date Reference

KMMC Draw Desc Image

17. Document ID: US 6110735 A

L1: Entry 17 of 27 File: USPT Aug 29, 2000

US-PAT-NO: 6110735

DOCUMENT-IDENTIFIER: US 6110735 A

TITLE: Method for the preparation of a viral vector by

intermolecular homologous recombination

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Chartier; Cecile Strasbourg FRX
Degryse; Eric Strasbourg FRX

US-CL-CURRENT: 435/320.1; 424/233.1, 435/235.1, 435/252.1, 435/252.3, 435/252.3, 435/252.8, 435/91.4, 435/91.41, 514/44, 530/350

Full Title Citation Front Review Classification Date Reference MMC Draim Desc Image

18. Document ID: US 6093567 A

L1: Entry 18 of 27

File: USPT Jul 25, 2000

US-PAT-NO: 6093567

DOCUMENT-IDENTIFIER: US 6093567 A

TITLE: Gene therapy for cystic fibrosis

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gregory; Richard J. Westford

Belmont

MΑ MA

Armentano; Donna Couture; Larry A.

Louisville CO

Smith; Alan E.

Dover

MA

US-CL-CURRENT: 435/320.1; 424/93.2

Full Title Citation Front Review Classification Date Reference

KMC Draw Desc Image

19. Document ID: US 6080569 A

L1: Entry 19 of 27

File: USPT Jun 27, 2000

US-PAT-NO: 6080569

DOCUMENT-IDENTIFIER: US 6080569 A

TITLE: Adenovirus vectors generated from helper viruses and

helper-dependent vectors

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME

CITY STATE ZIP CODE COUNTRY

Graham; Frank L.

Hamilton

CAX

Parks; Robin

Hamilton

CAX

Chen; Liane

Hamilton

CAX

US-CL-CURRENT: 435/235.1; 435/320.1, 435/440, 435/455, 435/457

Full Title Citation Front Review Classification Date Reference

KWMC Drawn Desc Image

20. Document ID: US 6033908 A

L1: Entry 20 of 27

File: USPT

Mar 7, 2000

DOCUMENT-IDENTIFIER: US 6033908 A

TITLE: Packaging systems for human recombinant adenovirus to be

used in gene therapy

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ar Moerkapelle Bout; Abraham

NLX

Hoeben; Robert Cornelis Ex Leiden

NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455,

435/69.1, 514/44, 536/23.1

Full Title Citation Front Review Classification Date Reference

KVMC Draw Desc Image

#### 21. Document ID: US 5994128 A

L1: Entry 21 of 27

File: USPT Nov 30, 1999

US-PAT-NO: 5994128

DOCUMENT-IDENTIFIER: US 5994128 A

TITLE: Packaging systems for human recombinant adenovirus to be

used in gene therapy

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY NAME CITY

Fallaux; Frits Jacobus Be Leiderdorp NLXHoeben; Robert Cornelis Ex Leiden NLXVan der Eb; Alex Jan Tw Oegstgeest NLXAr Moerkapelle Bout; Abraham NLX Valerio; Domenico Ez Leiden NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455,

435/69.1, 536/23.1

Full Title Citation Front Review Classification Date Reference

MMC Draw Desc Image

22. Document ID: US 5932210 A

L1: Entry 22 of 27

File: USPT

Aug 3, 1999

DOCUMENT-IDENTIFIER: US 5932210 A

TITLE: Recombinant adenoviral vector and methods of use

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gregory; Richard J. Carlsbad CA Wills; Ken N. Encinitas CA Maneval; Daniel C. San Diego CA

US-CL-CURRENT: 424/93.2; 424/93.6, 435/320.1

Full Title Offation Front Review Classification Date Reference MMC Draim Desc Image

23. Document ID: US 5882877 A

L1: Entry 23 of 27 File: USPT Mar 16, 1999

US-PAT-NO: 5882877

DOCUMENT-IDENTIFIER: US 5882877 A

TITLE: Adenoviral vectors for gene therapy containing deletions

in the adenoviral genome

DATE-ISSUED: March 16, 1999

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gregory; Richard J. Westford MA
Armentano; Donna Belmont MA
Couture; Larry A. Louisville CO
Smith; Alan E. Dover MA

US-CL-CURRENT: 435/320.1; 435/456, 435/457

Full Title Citation Front Review Classification Date Reference KWIC Draw Desc Image

24. Document ID: US 5670488 A

L1: Entry 24 of 27 File: USPT Sep 23, 1997

DOCUMENT-IDENTIFIER: US 5670488 A

TITLE: Adenovirus vector for gene therapy

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gregory; Richard J. Carlsbad CA Armentano; Donna Watertown MA Couture; Larry A. Framingham MA Smith; Alan E. Wellesley MA

US-CL-CURRENT: 514/44; 424/93.2, 435/320.1

Full Title Citation Front Review Classification Date Reference MMC Draw Desc Image

25. Document ID: AU 200134981 A, WO 200158940 A2

L1: Entry 25 of 27 File: DWPI

Aug 20, 2001

DERWENT-ACC-NO: 2001-497066

DERWENT-WEEK: 200175

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TITLE: Chimeric <u>pIX protein</u> useful in an adenovirus gene transfer vector for infecting cells comprises at least one adenoviral pIX domain and a non-native amino acid

INVENTOR: KOVESDI, I; ROELVINK, P W; WICKHAM, T J

PRIORITY-DATA: 2000US-181163P (February 9, 2000)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC
AU 200134981 A August 20, 2001 000 C07K014/005
WO 200158940 A2 August 16, 2001 E 024 C07K014/005

INT-CL (IPC): C07K 14/005

Full Title Citation Front Review Classification Date Reference KNIIC Draw Desc Image

26. Document ID: AU 200052900 A, WO 200071694 A1

L1: Entry 26 of 27

File: DWPI

Dec 12, 2000

DERWENT-ACC-NO: 2001-032030

DERWENT-WEEK: 200115

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TITLE: Novel filamentous phage encapsulating a genome encoding fusion polypeptide comprising exogenous polypeptide fused to amino terminus of pVII and <u>pIX proteins</u>, for constructing diverse heterodimeric polypeptide array

INVENTOR: GAO, C; JANDA, K D; LERNER, R A; WIRSCHING, P

PRIORITY-DATA: 1999US-0318786 (May 25, 1999)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC
AU 200052900 A December 12, 2000 000 C12N015/00
WO 200071694 A1 November 30, 2000 E 090 C12N015/00

INT-CL (IPC): C12N 5/12; C12N 15/00

Full Title Citation Front Review Classification Date Reference

KillifiC Draw Desc Clip Img Image

27. Document ID: JP 2000514312 W, WO 9813510 A1, EP 938579 A1, US 6080569 A

L1: Entry 27 of 27

File: DWPI

Oct 31, 2000

DERWENT-ACC-NO: 1998-286415

DERWENT-WEEK: 200059

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TITLE: Improved helper-dependent vector system comprising loxP sites - used for production of high capacity adenoviral cloning vector(s)

INVENTOR: CHEN, L; GRAHAM, F L; PARKS, R

PRIORITY-DATA: 1996US-0719217 (September 25, 1996), 1993US-0080727 (June 24, 1993), 1994US-0250885 (May 31, 1994),

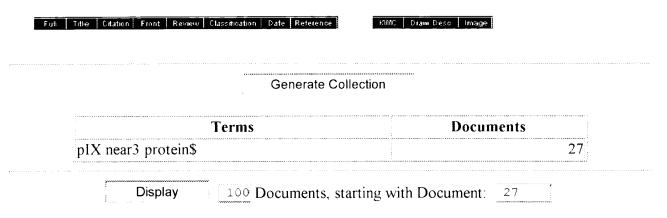
1995US-0473168 (June 7, 1995)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC JP 2000514312 W October 31, 2000 055 C12N015/09 055 C12N015/86 April 2, 1998 Ε WO 9813510 A1 September 1, 1999 E 000 C12N015/86 EP 938579 A1 US 6080569 A June 27, 2000 000 C12N007/00

INT-CL (IPC): A61K 48/00; C12N 5/10; C12N 7/00; C12N 15/09; C12N 15/63; C12N 15/83; C12N 15/86; C12Q 1/66; C12Q 1/70





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Set Items Description ? s pIX and adenovir? 1490 PIX 174041 ADENOVIE? 285 FIX AND ADENOVIE? ? s s1 and chimeric 285 S1 154432 CHIMERIC S., 8 S1 AND CHIMERIC ? d s2/3/1-8Display 1/3/1 (Item 1 from file: 154) DIALOG(R) File 154:MEDLINE(R) 10526431 20171546 PMID: 10706736 In vitre priming with adenovirus/gp100 antigen-transduced dendritic dells reveals the epitope specificity of HLA-A $^{\star}$ 0201-restricted CD8+ T dells in patients with melanoma. Linette GF; Shankara S; Longerich S; Yang S; Doll R; Nicolette C; Preffer FI; Roberts BL; Haluska FG Hematology-Oncology Unit and Department of Pathology, Massachusetts General Hospital, Boston, MA 02114, USA. linette.gerald@mgh.harvard.edu Journal of immunology (UNITED STATES) Mar 15 2000, 164 (6) p3402-12, ISSN 1012-1767 Journal Sode: IFB Larguages: ENGLISH Document type: Journal Article Record type: Completed - end of record -Display 2/3/2 (Item 1 from file: 155) DIALOG(R) File 155: MEDLINE(R) 10526431 20171546 PMID: 10706736 In vitre priming with adenovirus/gp100 antigen-transduced dendritie cells reveals the epitope specificity of HLA-A\*0201-restricted CD8+ T cells in patients with melanoma. Linette GF; Shankara S; Longerich S; Yang S; Doll R; Nicolette C; Preffer FI; Roberts BL; Haluska FG Hematelegy-Cheelegy Unit and Department of Pathology, Massachusetts General Hospital, Foston, MA 02114, USA. linette.gerald@mgh.harvard.edu Journal of immunology (UNITED STATES) Mar 15 2000, 164 (6) p3402-12, ISSN 0012-1767 Journal Code: IFB Languages: ENGLISH Document type: Journal Article Record type: Completed - end of record -2 Display 1/1/3 (Item 1 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2001 AMERICAN THEMICAL SOCIETY. All rts. reserv.

CA: 135(11)157671y PATENT 135157671 Adenoviral capsid containing chimeric protein IX INVENTOR (AUTHOR): Ruelvink, Petrus W.; Kovesdi, Imre; Wickham, Thomas J. LOCATION: USA ASSIGNEE: Genvec, Inc. PATENT: PCT International ; WO 100158340 AP DATE: 20010316 APPLICATION: WC 2001US4233 (20010209) \*US FV181163 (20000209) PAGES: U8 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/005A DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CR; CU; CC; DE; DK; DM; DC; EE; ES; FI; GE; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; IF; KE; KG; KF; KR; KZ; DC; LK; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NC; PL; FT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TE; TT; TZ; UA; UG; UU; YU; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW ; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; EF; EJ; CF; CG; CI; CM; CA; GN; GW; ML; MR; NE; SN; TD; TG - end of record -Display 2/3/4 (Item 1 from file: 399) DIALOGER, File 399:0A SEARCH(E (c) [00] AMERICAN CHEMICAL SCOTETY. All sts. reserv. CA: 134 (17) 242639t PATENT Capsid-modified recombinant adenovirus and methods of use INVENTOR (AUTHOR): Suriel, Savid T. LOCATION: USA ASSIGNEE: UAB Research Foundation PATENT: FCT International ; WO 0121016 Al DATE: 20010329 APPLICATION: WD 2000US26079 .200003222 \*US FV186104 19990924) PAGES: 33 pp. CODEN: PIKKDI LANGUAGE: English CLASS: A61K-048/00A; C12N-015/00B; C12N-015/63B; C13N-015/66B DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; FT; SE - end of record -Display 2/3/5 (Item 1 from file: 34) DIALOG(E)File 34:SciSearch(E) Cated Ref Sci (c) 2001 Inst for Spi Info. All rts. reserv. 08493975 Genuine Artisle#: 291YF No. References: 56 Title: In vitro priming with adenovirus/gpl00 antigen-transduced dendritic cells reveals the epitope specificity of HLA-A\*3201-restricted CD8(+) T cells in patients with melanoma Author(s): Linette GB (REFRINT) ; Shankara S; Longerich S; Yang SX; Doll R; Middlette C; Preffer FI; Roberts EL; Haluska FG Corporate Source: MASSACHUSETTS GEN HOSE, HEMATCL ONCOL UNIT, 55 FRUIT ST/BCSTCH//MA/02114 (REPRINT ; MASSACHUSETTS GEN HOSP, DEPT PATHOL/BOSTON//MA/03114; HARMARD UNIV, SCH MED, DEPT MED/BOSTON//MA/12114; GENEYME CORP, MOL CNOCL/FRAMINGHAM//MA/01701 Journal: JOUENAL OF IMMUNOLOGY, 1000, V184, NE (MAR 15), F3402-3412 ISSN: 0022-1767 Publication date: 20060315 Publisher: AMER ASSOC IMMUNCLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 Language: English Document Type: AFTICLE (AESTRACT AVAILABLE)

- end of record -Display 2/3/6 (Item 1 from file: 71) DIALOG(E) File 71: ELSEVIER BIOBASE (c) 2001 Elsevier Science B.V. All rts. reserv. 01389984 2000056118 In vitro priming with adenovirus/gp100 antigen-transduced dendritic cells reveals the epitope specificity of HLA-A\*0201-restricted CD8sup + T cells in patients with melanoma Linette G.P.; Shankara S.; Longerich S.; Yang S.; Doll R.; Nicolette C.; Preffer F.I.; Roberts B.L.; Haluska F.G. ADDRESS: Dr. G.P. Linette, Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114, United States EMAIL: linette.gerald@mgh.harvard.edu Journal: Journal of Immunology, 164/6 (3402-3412), 2000, United States PUBLICATION DATE: March 15, 2000 CODEN: JOIMA ISSN: 0022-1767 DOCUMENT TYPE: Article LANGUAGES: English SUMMARY LANGUAGES: English -more-Display 1/3/6 (Item 1 from file: 71) DIALOG(F) File 71:ELSEVIER BIOBASE (c) 1001 Elsevier Science B.V. All rts. reserv. NO. OF FEFERENCES: 56 - end of record -Display 3/3/7 (Item 1 from file: 73) DIALOG(F)File 73:EMBASE (c) 1001 Elsevier Science B.V. All rts. reserv. EMBASE No: 2000099734 In vitro priming with adenovirus/gp100 antigen-transduced dendritic cells reveals the epiticpe specificity of HLA-A\*0201-restricted CD8sup + T cells in patients with melanoma Linette G.F.; Shankara S.; Longerich S.; Yang S.; Doll R.; Nicolette C.; Preffer F.I.; Foberts B.L.; Haluska F.G. Dr. G.P. Linette, Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114 United States AUTHOF EMAIL: linette.gerald@mgh.harvard.edu Journal of Immunology ( J. IMMUNCL. ) (United States) 15 MAR 2000, 164/6 (3402 - 3412)COLEN: JOIMA ISSN: 0022-1767 DOCUMENT TYPE: Journal; Article LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH NUMBER OF REFERENCES: 56 - end of record -Display 2/3/8 (Item 1 from file: 76)

DIALOG(R)File 76:Life Sciences Collection (c) 2001 Cambridge Sci Abs. All rts. reserv. 02469749 4688835 In Vitro Priming with Adenovirus/gp100 Antigen-Transduced Dendritic Cells Reveals the Epitope Specificity of HLA-A\*0201-Restricted CD8 super(+) T Cells in Patients with Melanoma Linette, G.P.; Shankara, S.; Longerich, S.; Yang, Sixun; Doll, R.; Nicolette, C.; Preffer, F.I.; Roberts, B.L.; Haluska, F.G. Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 0.114, USA Journal of Immunology vol. 164, no. 6, pp. 3402-3412 (2000) ISSN: 0022-1767 DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH SUBFILE: Immunology Abstracts - end of display ->>> Page beyond end of display invalid 2 d s2/9/8Display 2/9/8 (Item 1 from file: 76) DIALOG(E) File 76: Life Sciences Collection (a) 1001 Cambridge Sci Abs. All rts. reserv. 02469749 4683825 In Vitro Priming with Adenovirus/gp100 Antigen-Transduced Dendritio Cells Reveals the Epitope Specificity of HLA-A\*0201-Restricted CD8 super(+ T Cells in Patients with Melanoma Linette, G.P.; Shankara, S.; Longerich, S.; Yang, Sixun; Doll, R.; Nicolette, C.; Preffer, F.I.; Roberts, B.L.; Haluska, F.G. Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114, USA Journal of Immunology vol. 164, no. 6, pp. 3402-3412 (2000) ISSN: 0022-1767 DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH SUEFILE: Immunology Abstracts Replication deficient recombinant adenovirus (Ad) encoding human qp.100 or MART-, melanoma Ag was used to transduce human dendritic cells (DC) ex vivo as a model system for cancer vaccine therapy. A second -more-Display 2/9/8 (Item 1 from file: 76) DIALOG(R) File 76: Life Sciences Collection (b) 1001 Cambridge Sci Abs. All rts. reserv. generation E1/E4 region deleted Ad which harbors the CMV immediate-early promoter/enhancer and a unique E4-ORF6/pIX chimeric gene was employed as the backbone vector. We demonstrate that human monocyte-derived  ${\tt DC}$  are permissive to Ad infection at multiplicity of infection between  ${\tt 100}$ and 500 and obturs independent of the coxsackie Ad receptor. Fluorescent-lakeled Ad was used to assess the kinetics and distribution of viral vector within DC. Ad-transduced DC show peak transgene expression at P4-46 h and expression remains detectable for at least 7 days. DC transduced with replication-deficient Ad do not exhibit any unusual

phenotypic characteristics or cytopathic effects. DC transduced with

Ad2/gp100v2 can elicit tumor-specific CTL in vitro from patients bearing gp100 super(+) metastatic melancma. Using a panel of gp100-derived synthetic peptides, we show that Ad2/gp100v2-transduced DC elicit Ag-specific CTL that recognize only the G209 and G280 epitopes, both of which display relatively short half-lives ( similar to 7-8 h) on the surface of HLA-A\*0201 super(+) cells. Thus, patients with metastatic melanoma are not tolerant to gp100 Ag based on the detection of CD8

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